ORDER NO. SD8004-1721

Service Manual

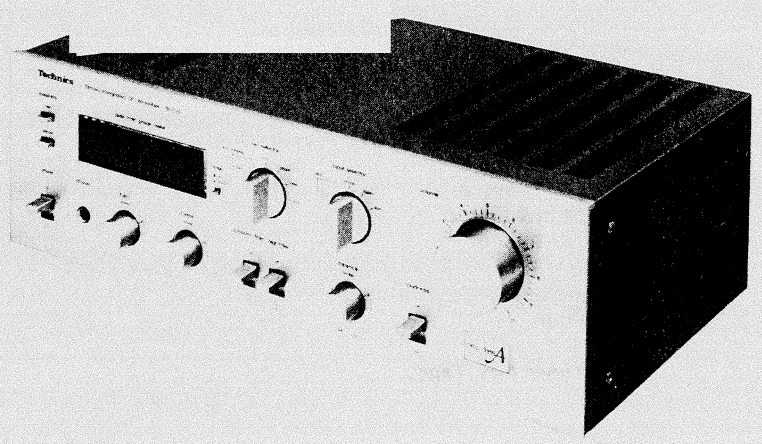
Stereo Integrated DC Amplifier

SU-V2

[E], [EG], [XGF], [XGH], [EB], [XE], [XA], [XAL]

SU-V2(K)

[E], [EG], [XGH], [EB], [XE], [XA], [XAL]



* The cabinet, front panel and knob are available in black color and silver types.
The black type model is provided with (K) in the Service Manual.

Areas

* [E] and [EG] are available in Scandinavia and European except Belgium, United Kingdom, Switzerland Holland and France.
* [XGF] is available in France.
* [XGH] is available in Holland.
* [EB] is available in Belgium.
* [XE] is available in United Kingdom.
* [XA] is available in Asia, Latin America, Middle East and Africa.
* [XAL] is available in Australia.

TECHNNICAL SPECIFICATIONS

Specifications are subject to change without notice for further improvement.

(DIN 45 500)

AMPLIFIER SECTION

20 Hz~20 kHz continuous power output	
both channels driven	2 × 45W (4Ω)
	2 × 40W (8Ω)
40 Hz~16 kHz continuous power output	
both channels driven	2 × 45W (4Ω)
	2 × 40W (8Ω)
1 kHz continuous power output	
both channels driven	2 × 55W (4Ω)
	2 × 45W (8Ω)
Total harmonic distortion	
rated power at 20 Hz~20 kHz	0.03% (4Ω)
	0.02% (8Ω)
rated power at 40 Hz~16 kHz	0.03% (4Ω)
	0.02% (8Ω)
rated power at 1 kHz	0.02% (4Ω)
	0.02% (8Ω)
half power at 20 Hz~20 kHz	0.015% (8Ω)
half power at 1 kHz	0.003% (8Ω)
−26 dB power at 1 kHz	0.1% (4Ω)
50 mW power at 1 kHz	0.15% (4Ω)
Intermodulation distortion	
rated power at 250 Hz: 8 kHz=4:1, 4Ω	0.03%
rated power at 60 Hz: 7 kHz=4:1, SMPTE, 8Ω	0.02%
Power bandwidth	
both channels driven, −3 dB	
	(THD 0.03%) 5 Hz~30 kHz (4Ω)
	(THD 0.02%) 5 Hz~30 kHz (8Ω)
Residual hum and noise	0.5 mV
Damping factor	25 (4Ω), 50 (8Ω)
Input sensitivity and impedance	
PHONO	2.5 mV/47kΩ
TUNER, AUX	150 mV/27kΩ
TAPE 1 REC/PLAY	180 mV/33kΩ
TAPE	150 mV/27kΩ
PHONO maximum input voltage (1 kHz, RMS)	150 mV
S/N	
rated power (4Ω)	
PHONO	73 dB (IHF, A: 80 dB)
TUNER, AUX	85 dB (IHF, A: 95 dB)
−26 dB power (4Ω)	
PHONO	63 dB
TUNER, AUX	63 dB
50 mW power (4Ω)	
PHONO	60 dB
TUNER, AUX	60 dB
Frequency response	
PHONO	RIAA standard curve
	±0.8 dB (30 Hz~15 kHz)
TUNER, AUX, TAPE	5 Hz~100 kHz (−3 dB)
	+0 dB, −0.3 dB (20 Hz~20 kHz)
Tone controls	
BASS	50 Hz, +10 dB~ −10 dB
TREBLE	20 kHz, +10 dB~ −10 dB
Subsonic filter	30 Hz, −6 dB/oct.
High-cut filter	7 kHz, −6 dB/oct.
Loudness control (volume at −30 dB)	50 Hz, +9 dB
Output voltage and impedance	
REC OUT	150 mV
TAPE 1 REC/PLAY	30 mV/82kΩ
Channel balance, AUX 250 Hz~6,300 Hz	±1 dB
Channel separation, AUX 1 kHz	52 dB

Technics

Matsushita Electric Trading Co., Ltd.
P.O. Box 288, Central Osaka Japan

Headphones output level and impedance	420 mV/330Ω
Load impedance	
MAIN or REMOTE	4Ω~16Ω
MAIN and REMOTE	8Ω~16Ω

GENERAL

Power consumption	500W
Power supply	AC 50 Hz/60 Hz, 110V/120V/220V/240V
Dimensions (W×H×D)	430 × 142 × 257 mm (16-15/16" × 5-19/32" × 10-1/8")
Weight	6.9 kg (15.2 lb.)

Note:
Total harmonic distortion is measured by the digital spectrum analyzer (HP. 3045 system).

TECHNISCHE DATEN (DIN 45 500)

Spezifikationen können infolge von verbesserungen ohne Ankündigung geändert werden.

VERSTÄRKERTEIL

Dauerton-Ausgangsleistung bei 20 Hz ~ 20 kHz	
beide Kanäle ausgesteuert	2 × 45W (4 Ω)
	2 × 40W (8 Ω)
Dauerton-Ausgangsleistung bei 40 Hz ~ 16 kHz	
beide Kanäle ausgesteuert	2 × 45W (4 Ω)
	2 × 40W (8 Ω)
Dauerton-Ausgangsleistung bei 1 kHz	
beide Kanäle ausgesteuert	2 × 55W (4 Ω)
	2 × 45W (8 Ω)
Gesamtklirrfaktor	
Nennleistung bei 20 Hz ~ 20 kHz	0,03% (4 Ω)
	0,02% (8 Ω)
Nennleistung bei 40 Hz ~ 16 kHz	0,03% (4 Ω)
	0,02% (8 Ω)
Nennleistung bei 1 kHz	0,02% (4 Ω)
	0,02% (8 Ω)
halbe Nennleistung bei 20 Hz ~ 20 kHz	0,015% (8 Ω)
halbe Nennleistung bei 1 kHz	0,003% (8 Ω)
−26 dB Leistung bei 1 kHz	0,1% (4 Ω)
50 mW Leistung bei 1 kHz	0,15% (4 Ω)
Intermodulationsfaktor	
Nennleistung bei 250 Hz: 8 kHz = 4:1, 4 Ω	0,03%
Nennleistung bei 60 Hz: 7 kHz = 4:1, nach SMPTE, 8 Ω	0,02%
Leistungsbandbreite	
beide Kanäle ausgesteuert bei −3 dB	
	(THD 0,03%) 5 Hz ~ 30 kHz (4 Ω)
	(THD 0,02%) 5 Hz ~ 30 kHz (8 Ω)
Restbrumm und Geräusch	0,5 mV
Dämpfungsfaktor	25 (4 Ω), 50 (8 Ω)
Eingangsempfindlichkeit und -impedanz	
Phono	2,5 mV/47 kΩ
Tuner, Aux	150 mV/27 kΩ
Tape 1 Aufnahme/Wiedergabe (TAPE 1 REC/PLAY)	180 mV/33 kΩ
Tape 2 (TAPE 2)	150 mV/27 kΩ
Maximale TA-Eingangsspannung (1 kHz, eff.)	150 mV
Geräuschabstand	
Nennleistung (4 Ω)	
Phono	73 dB (nach IHF, A: 80 dB)
Tuner, Aux	85 dB (nach IHF, A: 95 dB)
−26 dB Leistung (4 Ω)	
Phono	63 dB
Tuner, Aux	63 dB
50 mW Leistung (4 Ω)	
Phono	60 dB
Tuner, Aux	60 dB
Frequenzgang	
Phono	RIAA-Standardkurve ±0,8 dB (30 Hz ~ 15 kHz)
Tuner Aux, Tape	5 Hz ~ 100 kHz(−3 dB) +0 dB, −0,3 dB (20 Hz ~ 20 kHz)
Klangregler	
Baßregler (BASS)	50 Hz, +10 dB ~ −10 dB
Höhenregler (TREBLE)	20 kHz, +10 dB ~ −10 dB
Tiefenfilter	30 Hz, −6 dB/Okt.
Rauschfilter	7 kHz, −6 dB/Okt.
Gehörrichtige Lautstärkekorrektur (Loudness)	
(bei −30 dB Ausgangsleistung)	50 Hz, +9 dB
Ausgangsspannung und -impedanz	
Aufnahmeausgang (REC OUT)	150 mV
Tape 1 Aufnahme/Wiedergabe (TAPE 1 REC/PLAY)	30 mV/82 kΩ
Kanalabweichung (Aux, 250 Hz ~ 6300 Hz)	±1 dB
Übersprechdämpfung (Aux, 1 kHz)	52 dB
Kopfhörerpegel und -impedanz	420 mV/330 Ω
Lautsprecherimpedanz	
MAIN oder REMOTE	4 Ω ~ 16 Ω
MAIN und REMOTE	8 Ω ~ 16 Ω

ALLGEMEINE DATEN

Leistungsaufnahme	500 W
Netzspannung	Wechselstrom 50 Hz/60 Hz, 110V/120V/220V/240V
Abmessungen (B×H×T)	430 × 142 × 257 mm
Gewicht	6,9 kg

Bmerkung:
Der Gesamtklirrfaktor wurde mit einem digitalen Rauschspektrometer (Anlage HP. 3045) gemessen.

DONNEES TECHNIQUES (DIN 45 500)

Sujet à changment sans préaris.

SECTION AMPLIFICATEUR

Puissance de sortie continue de 20 Hz~20 kHz,	
les deux canaux en circuit	2 × 45W (4Ω)
	2 × 40W (8Ω)
Puissance de sortie continue de 40 Hz~16 kHz,	
les deux canaux en circuit	2 × 45W (4Ω)
	2 × 40W (8Ω)
Puissance de sortie continue à 1 kHz	
les deux canaux en circuit	2 × 55W (4Ω)
	2 × 45W (8Ω)
Distorsion harmonique totale	
à puissance nominale (20 Hz~20 kHz)	0,03% (4Ω)
	0,02% (8Ω)
à puissance nominale (40 Hz~16 kHz)	0,03% (4Ω)
	0,02% (8Ω)
à puissance nominale (1 kHz)	0,02% (4Ω)
	0,02% (8Ω)
à demi-puissance (20 Hz~20 kHz)	0,015% (8Ω)
à demi-puissance (1 kHz)	0,003% (8Ω)
puissance de 26 dB à 1 kHz	0,1% (4Ω)
puissance de 50 mW à 1 kHz	0,15% (4Ω)

Distorsion d'intermodulation
à puissance nominale à 250 Hz: 8 kHz=4:1, 4Ω 0,03%
à puissance nominale à 60 Hz: 7 kHz=4:1, SMPTE, 8Ω 0,02%
Réponse de fréquences
les deux canaux en circuit, 3 dB
(THD 0,03%) 5 Hz~30 kHz (4Ω)
(THD 0,02%) 5 Hz~30 kHz (8Ω)
Bruit et ronflement résiduels 0,5 mV
Coefficient d'amortissement 25 (4Ω), 50 (8Ω)
Sensibilité et impédance d'entrée
PHONO 2,5 mV/47kΩ
SYNTONISATEUR, AUX (TUNER, AUX) 150 mV/27kΩ
BANDE 1, ENREGISTREMENT/LECTURE (TAPE 1 REC/PLAY) 180 mV/33kΩ
BANDE 2, (TAPE 2) 150 mV/27kΩ
PHONO (tension d'entrée maximum, 1 kHz RMS) 150 mV
Signal/Bruit
à puissance nominale (4Ω)
PHONO 73 dB (IHF, A: 80 dB)
SYNTONISATEUR, AUX (TUNER, AUX) 85 dB (IHF, A: 95 dB)
puissance de −26 dB (4Ω)
PHONO 63 dB
SYNTONISATEUR, AUX (TUNER, AUX) 63 dB
puissance de 50 mW (4Ω)
PHONO 60 dB
SYNTONISATEUR, AUX (TUNER, AUX) 60 dB
Réponse de fréquence
PHONO Courbe nominale RIAA ±0,8 dB (30 Hz~15 kHz)
SYNTONISATEUR, AUX, BANDE (TUNER, AUX, TAPE) 5 Hz~100 kHz (−3 dB) +0 dB, −0,3 dB (20 Hz~20 kHz)

Réglage de la tonalité
BASSES (BASS) 50 Hz, +10 dB~ −10 dB
AIGUS (TREBLE) 20 kHz, +10 dB~ −10 dB
Filtre subsonique 30 Hz, −6 dB/oct.
Filtre coupe-hauts 7 kHz, −6 dB/oct.
Compensateur physiologique (volume à −30 dB) 50 Hz, +9 dB

Tension de sortie et impédance
SORTIE ENREGISTREMENT (REC OUT) 150 mV
ENREGISTREMENT/LECTURE BANDE 1 (TAPE 1 REC/PLAY) 30 mV/82kΩ
Equilibrage des canaux, AUX 250 Hz~6 300 Hz ±1 dB
Séparation des canaux, AUX 1 kHz 52 dB
Niveau de sortie des casques et impédance 420 mV/330Ω
Impédance de charge
PRINCIPALE ou AUXILIAIRE (MAIN or REMOTE) 4Ω~16Ω
PRINCIPALE et AUXILIAIRE (MAIN and REMOTE) 8Ω~16Ω

DIVERS

Consommation 500W
Alimentation CA 50 Hz/60 Hz, 110V/120V/220V/240V
Dimensions (L×H×Pr) 430 × 142 × 257 mm
Poids 6,9 kg

Remarque:
On mesure la distorsion harmonique totale au moyen d'un analyseur de spectre digital (Système HP. 3045).

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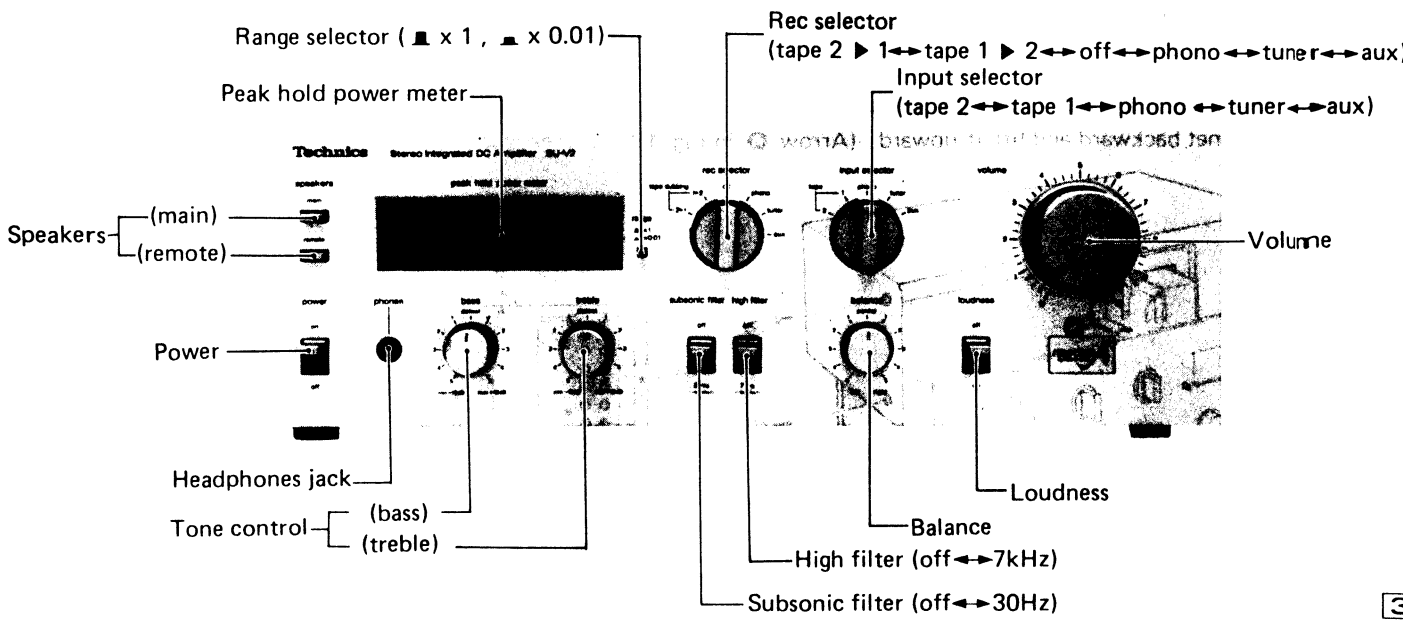
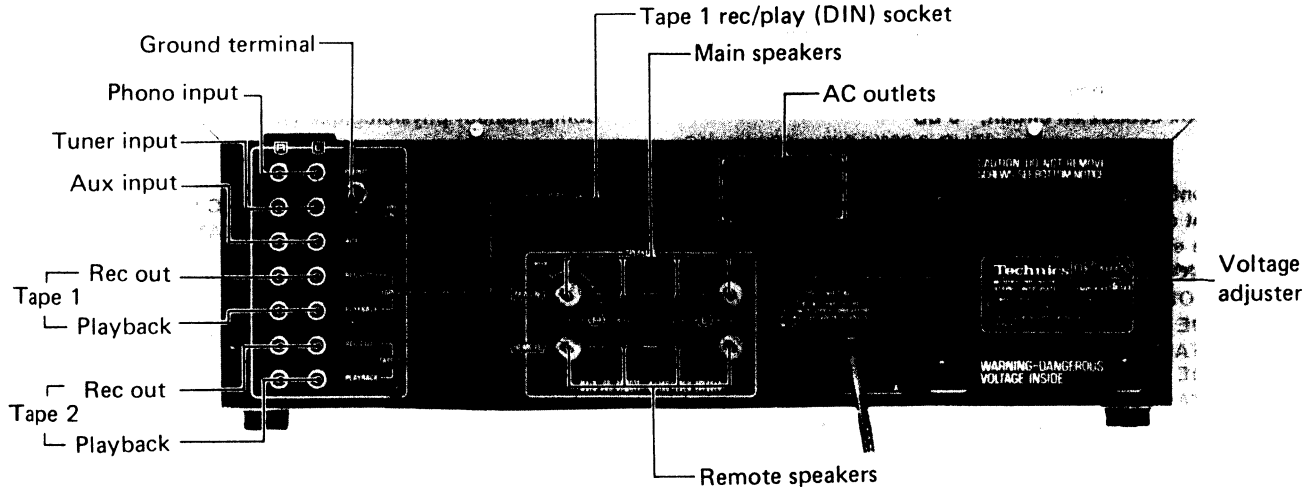
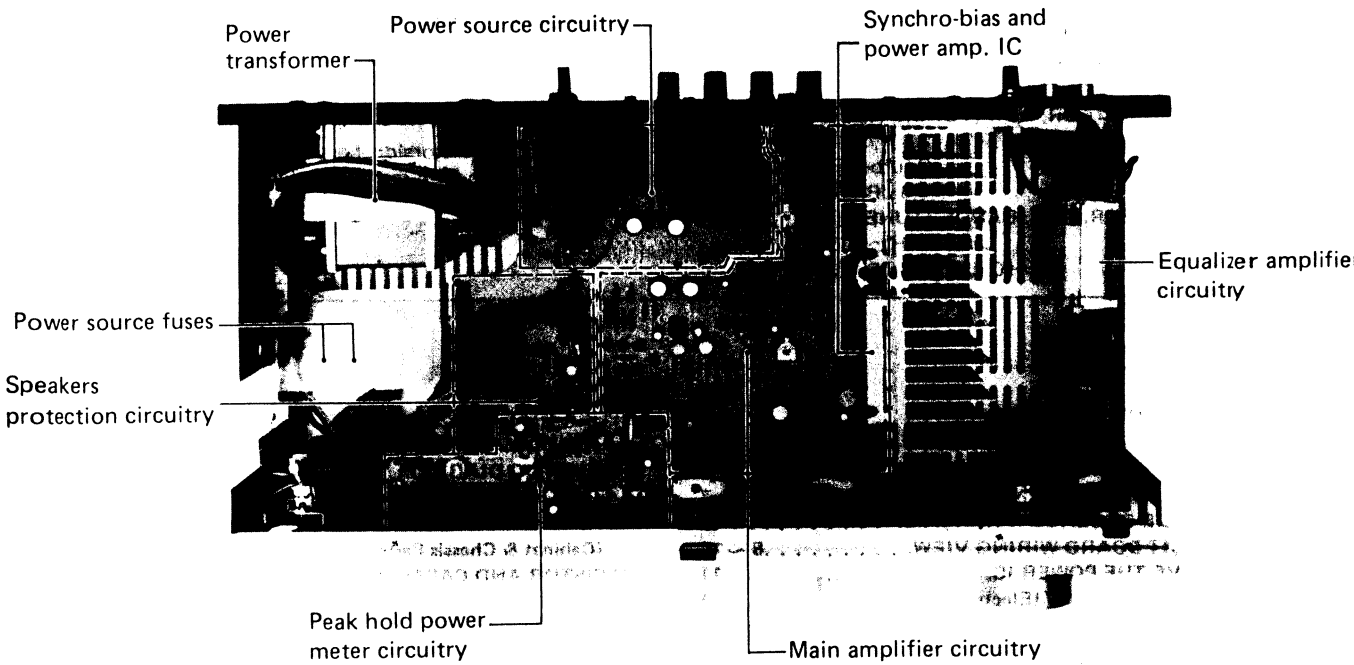
■ LOCATION OF CONTROLS





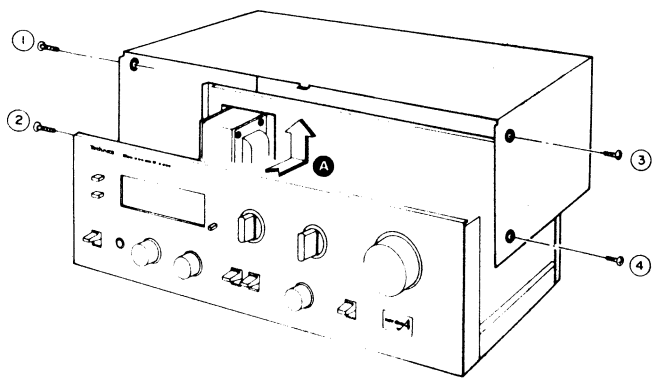
- **The products for destination [XA] is equipped with AC outlet.**



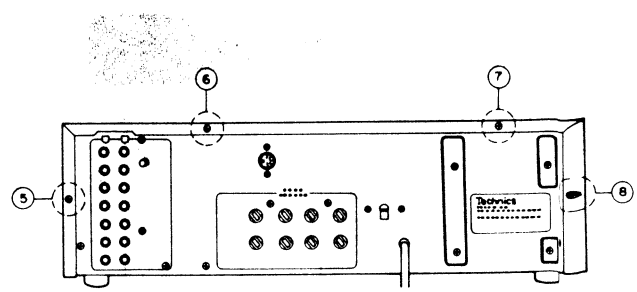
■ DISASSEMBLY INSTRUCTIONS

- **How to remove the cabinet**

1. Remove the 4 setscrews (Fig. 1 :①~④) on the side and 4 setscrews (Fig. 2 :⑤~⑧) on the back of the cabinet.
2. Shift the cabinet backward and lift it upward. (Arrow Ⓐ in Fig. 1)



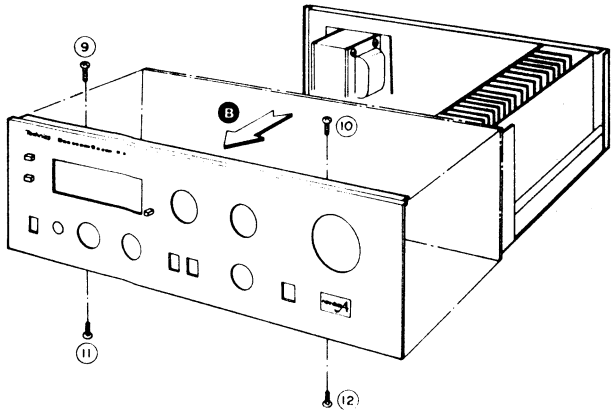
[Fig. 1]



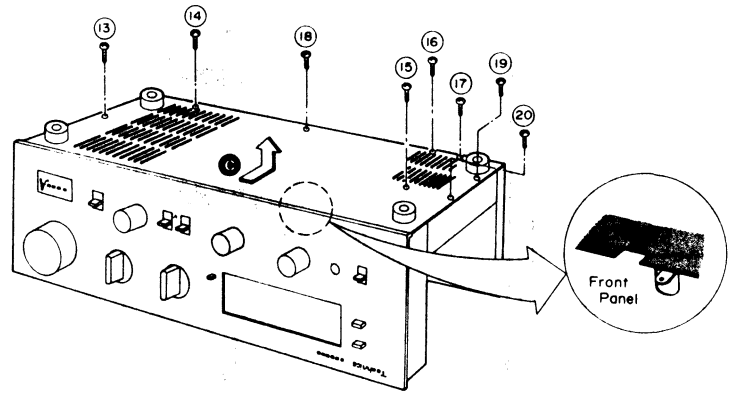
[Fig. 2]

• How to remove the front panel and the bottom board

1. Remove the 4 setscrews (Fig. 3 : ⑨~⑫) holding the front panel.
2. Pull the front panel outward from the front of the unit. (Arrow Ⓑ in Fig. 3)
3. To remove the bottom board, remove the 8 setscrews (Fig. 4 : ⑬~⑳) holding the bottom board.



[Fig. 3]



[Fig. 4]

■ ADJUSTING INSTRUCTIONS ENGLISH

• Setting of controls and instruments to be used

1. Speaker switch . . . . . main
2. Sound volume . . . . . .0 (minimum)
3. DC voltmeter (capable to measure 5mV)

No.	Adjustment	DC Voltmeter Connections	Adjusting Point	Adjustment Procedure
1	Clamp Voltage	L channel Between TP301 and TP303 (minus probe) R channel Between TP302 and TP304 (minus probe)	R355 (L channel) R356 (R channel)	* Turn Icq semi-fixed resistors R363, 364 to minimum. (counter-clockwise direction) * Adjust R355 (L ch) and R356 (R ch) to approx. 0.4mV after ten minutes warm-up time.
2	Icq (Adjustment using a DC voltmeter)	L channel Between TP301 and TP303 (minus probe) R channel Between TP302 and TP304 (minus probe)	R363 (L channel) R364 (R channel)	* Adjust R363 (L ch) and R364 (R ch) to approx. 9mV after ten minutes warm-up time.

2. Adjustment of FL power meter

*** Conditions of the set, and equipment used**

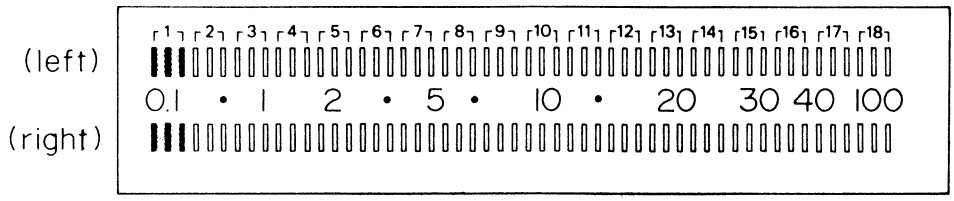
1. Input selector . . . . . .tuner
2. Speaker switch . . . . . .main
3. Meter range switch. X1
4. Sound volume. . . . . .10 (max.)
5. Low frequency oscillator
6. AC electronic voltmeter
7. 8-ohm load resistor

2-1. Adjustment of 0.1W

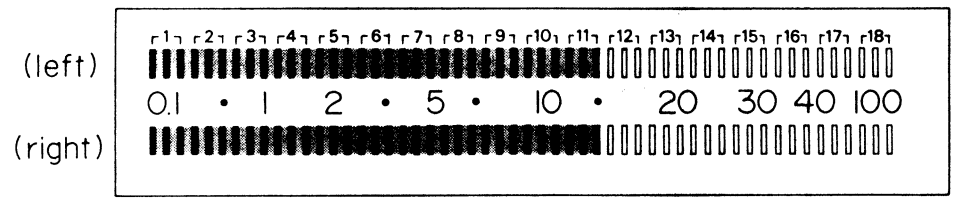
1) Connect the low frequency oscillator to the tuner terminals for both channels, and the AC electronic voltmeter to the speaker terminals in parallel with the load resistor.
2) Set the meter range switch to "X1" position.
3) Add 1kHz signal from the low frequency oscillator, and regulate the input level so that the AC electronic voltmeter indicates 1.5V.
4) Adjust **R730** while observing the FL peak power meter until the first segment is about to turn on (Refer to Fig. 5)

2-2. Adjustment of 10.25W

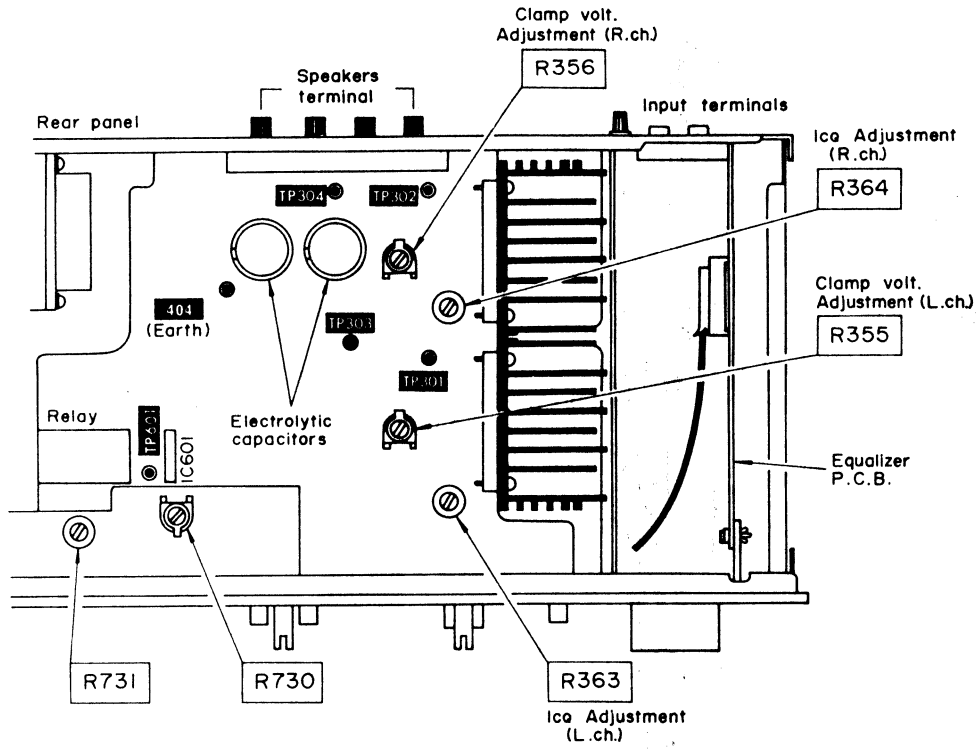
1) Set the meter range switch to "X1" position.
2) Regulate the input level so that the AC electronic voltmeter indicates 9V.
3) Make the adjustment in the same way as mentioned in 2-1 by regulating **R731** so that the 11th segment to turn on. (Each segment consists of three bars)
4) Next, make the adjustment in 2-1 (0.1W) by regulating the input level. (Repeat step 2-1)
5) Again regulate the input level to make the output 9V, and make sure that the segment at 10.25W (Refer to Fig. 5) position is on.



[Fig. 5] Abb. 1



[Fig. 6] Abb. 2



■ EINSTELLUNGSANWEISUNGEN ■ DEUTSCH ■

• Einstellung der zu benutzenden Regler und Instrumente

1. Lautsprecherschalter . . . . . Hauptlautsprecher ("main")
2. Lautstärke . . . . . ."0" (Minimalstellung)
3. Gleichstromvoltmeter. . . . . 5mV Meßbereich erforderlich.

1	Klemmspannung	L-Kanal. Zwischen TP301 und TP303 (Minustest) R-Kanal. Zwischen TP302 und TP304 (Minustest)	R355 (L-Kanal) R356 (R-Kanal)	* Die Icq halbfesteingestellten Widerstäande R363 und R364 auf Minimalstellung drehen. (Entgegen dem Uhrzeigersinn) * R355 (L-Kanal) und R356 (R-Kanal) auf ungefähr 0.4mV, nach 10 Minuten Anwärmezeit, einstellen.
2	Icq (Einstellungen mit einem Gleichstromvoltmeter)	L-Kanal. Zwischen TP301 und TP303 (Minustest) R-Kanal. Zwischen TP302 und TP304 (Minustest)	R363 (L-Kanal) R364 (R-Kanal)	* R363 (L-Kanal) und R364 (R-Kanal) auf ungefähr 9mV, nach 10 Minuten Anwärmezeit einstellen.

2. Abgleichen des FL-Leistungsmeßgerätes

*** Stellungszustand und verwendete Gerate**

1. Eingangsumschalter. . . . . tuner
2. Lautsprecherschalter . . . . . main
3. Meßbereichschalter X1
4. Lautstärke . . . . . 10 (max.)
5. Niederfrequenz-Oszillator
6. Wechselstrom-Elektronen-Voltmesser
7. 8 Ohm Belastungswiederstand

2-1. Abgleichen von 0.1W

1) An die Tunerklemmen der beiden Kanäle Niederfrequenz-Oszillator anschließen, und an die Lautsprecherklemme parallel mit Belastungswiederstand den Wechselstrom-Elektronen-Voltmesser anschließen.
2) Meßbereichschalter auf "X1" position.
3) Vom Niederfrequenz-Oszillator 1kHz Signal speisen, und Eingangspegel so einstellen, daß Wechselstrom-Elektronen-Voltmesser 1.5V anzeigt.
4) Unter Beobachten auf FL-Leistungsmeßgerät **R730** einstellen, bis das erste Segment fast aufzuleuchten beginnt. (Vgl Abb. 1)

2-2. Abgleichen von 10.25W

1) Meßbereichschalter auf "X1" position.
2) Eingangspegel so einstellen, daß Wechselstrom-Elektronen-Voltmesser 9V anzeigt.
3) Unter Einstellung von **R731** in gleicher Weise wie oben in 2-1 so abgleichen, daß das 11. Segment fast aufzuleuchten beginnt.
4) Dann Eingangspegel einstellen und wie in 2-1 (0.1W) abgleichen.
5) Eingangspegel wieder einstellen, damit der Eingang 9V wird, und sicherstellen, daß das Segment bei 10.25W aufleuchtet. (Vgl Abb. 2)

■ INSTRUCTIONS DE REGLAGE — FRANÇAIS

● Réglage des commandes et instruments à utiliser

1. Commutateur du haut-parleur ..... Principal
2. Volume du son ..... 0 (minimum)
3. Voltmétre CC (pouvant mesurer 5mV)

1	Tension de blocage	Canal G. Entre TP301 et TP303 (sonde au moins) Canal D. Entre TP302 et TP304 (sonde au moins)	R355 (Canal G) R356 (Canal D)	* Tourner les résistances R363, 364 semifixes Ico sur le minimum. (à gauche) * Régler R355 (canal gauche) et R356 (canal droit) sur env. 1mV après 10 minutes de temps de chauffage.
2	Ico (réglage à l'aide d'un voltmètre CC`	Canal G. Entre TP301 et TP303 (sonde au moins) Canal D. Entre TP302 et TP304 (sonde au moins)	R363 (Canal G) R364 (Canal D)	* Régler les R363 (canal gauche) et R364 (canal droit) sur env. 10 ~ 15mV aprés 9mn. de prèchauffage.

2. Réglage du compteur d'alimentation FL

*** Conditions de l'appareil et équipement utilisé**

1. Sélecteur d'entrée ..... Commande d'accord
2. Commutateur de l'enceinte..... Principal
3. Commutateur de la gamme du compteur X1
4. Volume du son ..... 10 maxi.
5. Oscillateur de basse fréquence
6. Voltmètre électronique CA
7. Résistance de 8 ohms de charge

2-1. Réglage de 0.1W

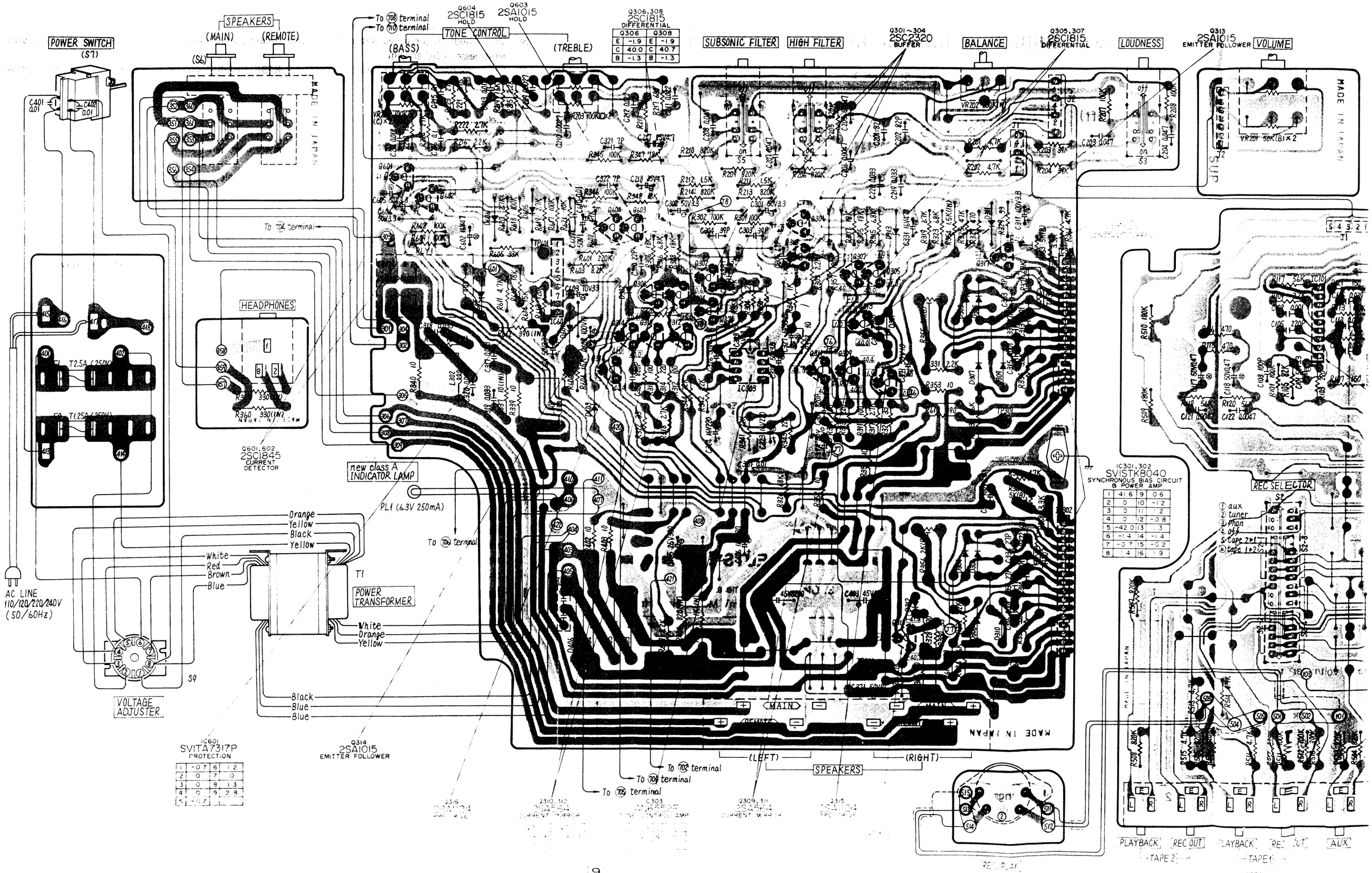
1) Brancher l'oscillateur de basse fréquence aux bornes de la commande d'accord des deux canaux; et le voltmétre électronique aux bornes de l'enceinte en paralléle avec la résistance de change.
2) Placer le commutateur de gamme du compteur sur "X1" position.
3) Alimenter un signal de 1kHz par l'oscillateur de basse fréquence et régler le niveau d'entrée de telle sorte que le voltmètre électronique indique 1.5V.
4) Régler le **R730** tout en observant le compteur d'alimentation FL jusqu' à ce que le premier segment soit sur le point d'être branché. (Voir Fig. 5)

2-2. Réglage de 10.25W

1) Régler le commutateur de gamme du compteur sur "X1".
2) Régler le niveau d'entrée de telle sorte que le compteur électronique indique 9V.
3) Faire le réglage de la même façon que le réglage mentionné dans le paragraphe 2-1 en réglant **R731** de telle sorte que le onziéme segment soit sur le point d'être branché.
4) Effectuer le réglage comme dans le paragraphe 2-1 (0.1W) en réglant le niveau d'entrée.
5) De nouveau régler le niveau d'entrée pour donner une sortie de 9V et s'assurer que le segment à la position 10.25W, est branché. (Voir Fig. 6)

■ PRINTED CIRCUIT BOARD WIRING VIEW

Earth (Ground) Lines

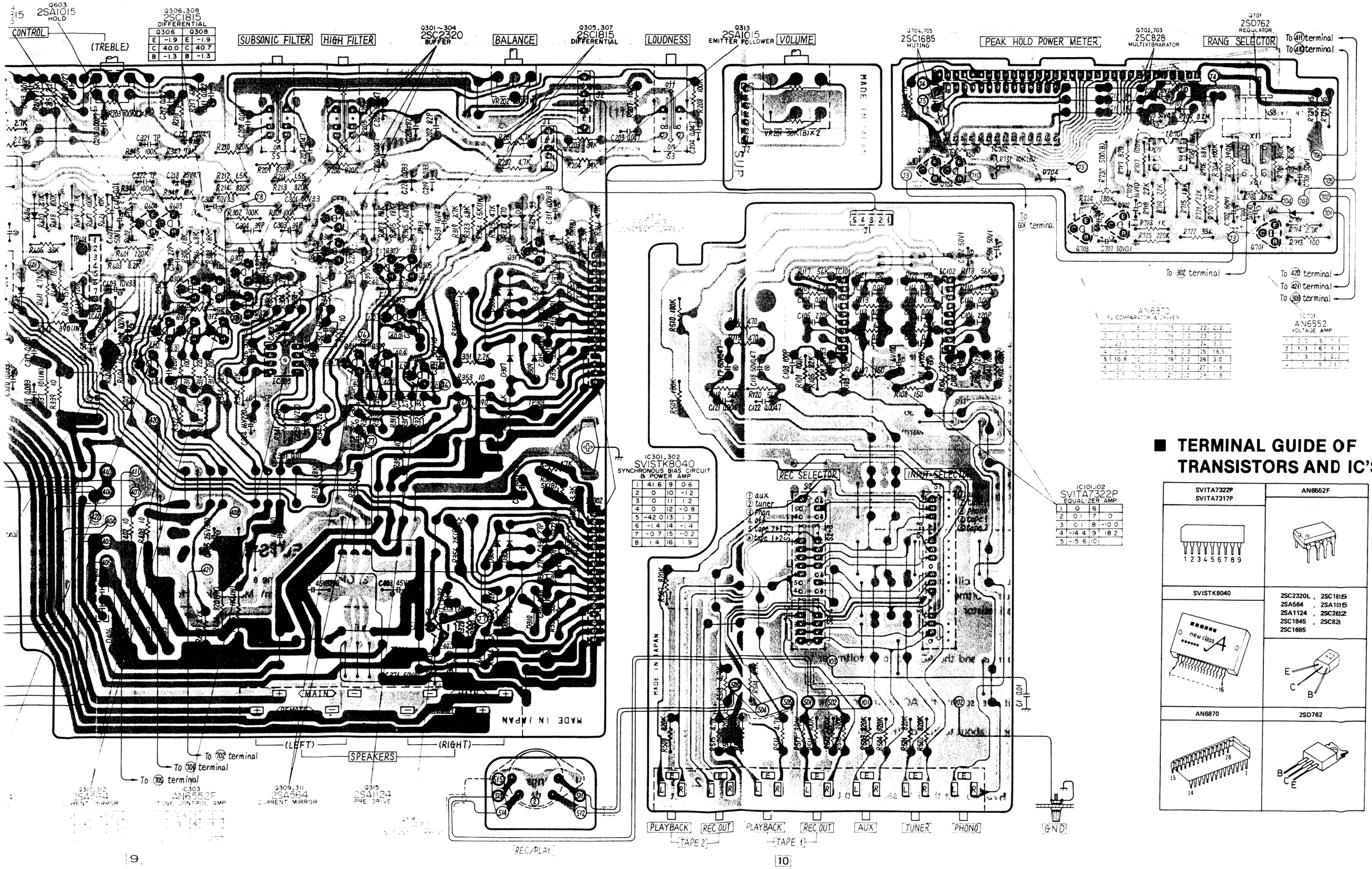


Q306		Q308	
E	-1.9	E	-1.9
C	40.0	C	40.7
B	-1.3	B	-1.3

1	-0.7	6	1.2
2	0	7	0
3	0	8	1.3
4	0	9	2.9
5	-0.7		

1	4.1	6	9.0
2	0	10	-1.2
3	0	11	2
4	0	12	-0.8
5	-4.2	0	13	3
6	-1.4	14	-1.4
7	-0.7	15	-0.2
8	4	16	1.9

Earth (Ground) Lines

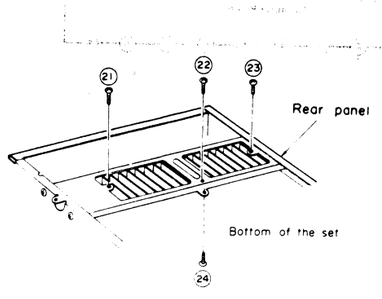


■ TERMINAL GUIDE OF TRANSISTORS AND IC'S

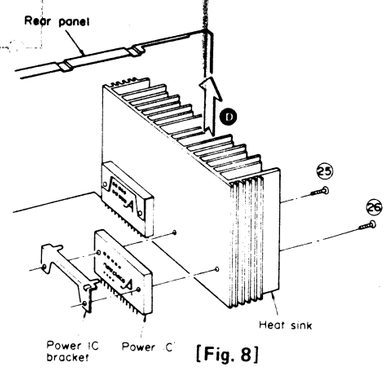
SVITA7322P SVITA7317P	AN6552F
SVISTK8040	2SC2320L , 2SC1815 2SA564 , 2SA1015 2SA1124 , 2SC2612 2SC1845 , 2SC828 2SC1685
AN6870	2SD762

■ HOW TO REMOVE THE POWER IC

1. Remove the cabinet and bottom board. (Refer to the sections "How to remove the cabinet" and "How to remove the front panel and the bottom board".)
2. Remove the solder of power IC for both L ch and R ch.
3. Remove the 4 setscrews (Fig. 7 : ㉑～㉔) at the bottom of the heat sink and then remove the heat sink along with the power IC in the direction of the arrow Ⓓ . (Refer to Fig. 8)
4. Remove the 2 setscrews (Fig. 6 : ㉕, ㉖) used to secure the power IC on the heat sink and then pull the power IC.
5. When mounting the power IC, apply silicone compound (or equivalent heat diffuser) to the back of power IC, and then follow the steps 1 ～ 4 reversely.



[Fig. 7]



[Fig. 8]

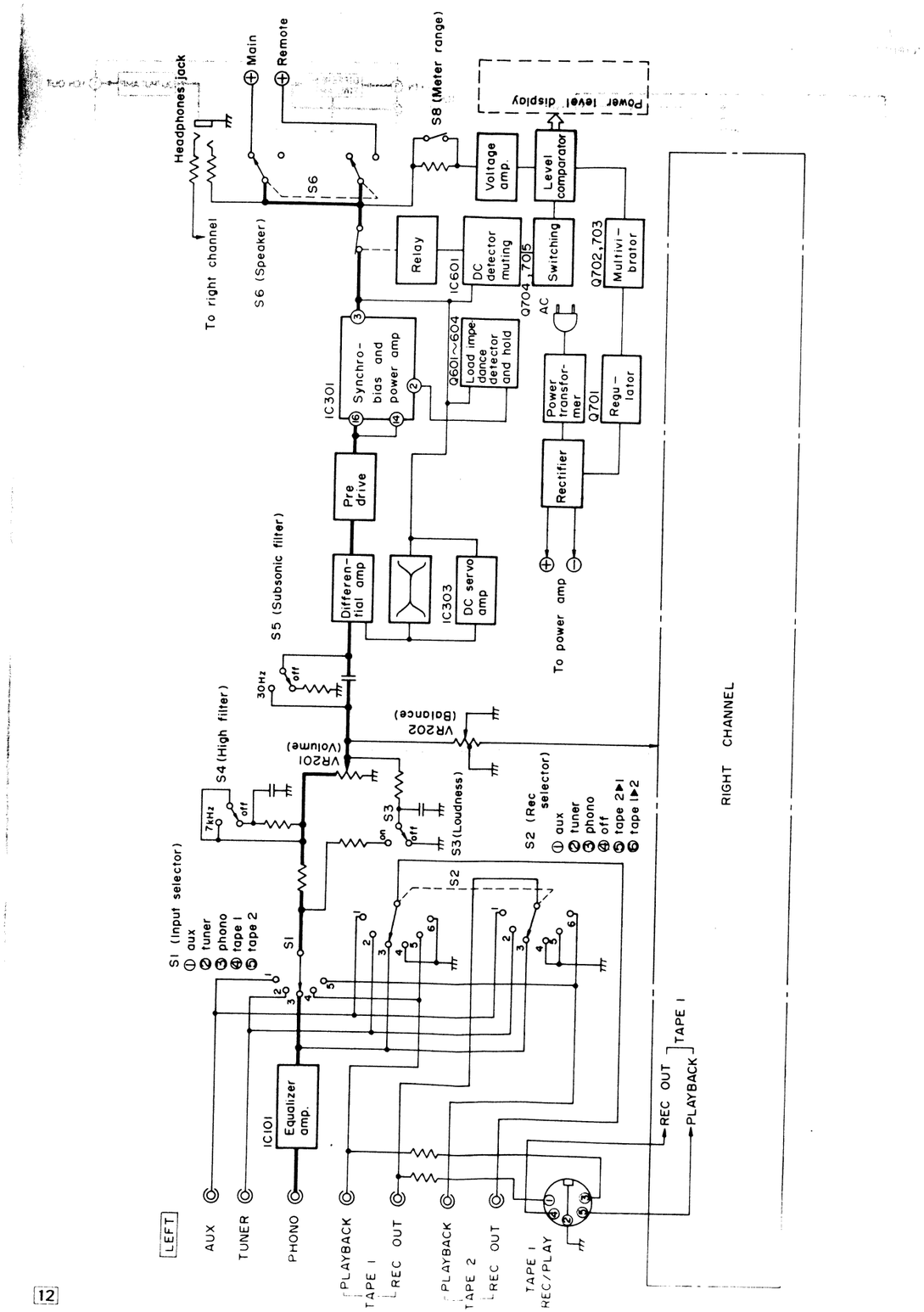
■ REPLACEMENT PARTS LIST.....Electric Parts

Notes:
1. Part numbers are indicated on most mechanical parts. Please use this part number of parts orders.
2. ⚠ indicates that only parts specified by the manufacturer be used for safety.
3. Bracketed indications in Ref. No. columns specify the area. Parts without these indications can be used for all areas.

Ref. No.		Part No.	Part Name & Description
INTEGRATED CIRCUIT			
IC101, 102		SVITA7322P	IC, Equalizer Amplifier
IC301, 302		SVISTK8040	IC, Synchronous Bias Circuit and Power Amplifier
IC303, 701		AN6552F	IC, Tone Control Amplifier and Voltage Amplifier
IC601		SVITA7317P	IC, Speakers Protection
IC702		AN6870	IC, FL Comparator and Driver
TRANSISTORS			
Q301, 302, 303 304		2SC2320L–F	Transistor, Buffer
Q305, 306, 307 308		2SC1815–Y	Transistor, Differential
Q309, 310, 311 312		**2SA666AI–R**	Transistor, Current Mirror
Q313, 314, 603		2SA1015–Y	Transistor, Emitter Follower, Relay Hold Circuit
Q315, 316		2SA1124–R	Transistor, Pre Driver
Q317, 318		2SC2632–R	Transistor, Constant Current
Q601, 602		2SC1845–E	Transistor, Current Detector
Q604		2SC1815–Y	Transistor, Relay Hold Circuit
Q701		2SD762–D	Transistor, Regulator
Q702, 703		**2SC1328–T**	Transistor, Multivibrator
Q704, 705		2SC1685–S	Transistor, Muting
DIODES			
D301, 302		**MA162A**	Diode, Detector
D303 ～ 310		**20A90**	Diode, Detector
D311, 312, 601 602, 605, 606, 702, 703		**MA162A**	Diode, Detector
D313		**MA1150A**	Diode, 5V Zener
D403 ～ 406	⚠	**SVDS3V40**	Rectifier
D407		MA2180B	Diode, 8V Zener
D408		MA2150B	Diode, 5V Zener
D603		**SVDSR1K2**	Diode, Bias
COILS and TRANSFORMER			
L301, 302		SLQY15G–30	Coil, Choke
T1	⚠	SLT5P187–I	Transformer, Power Source

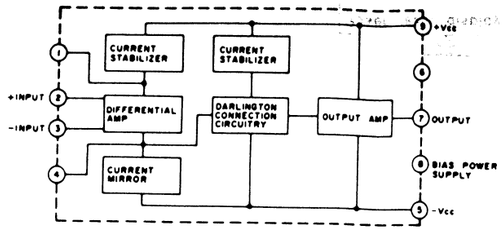
Ref. No.		Part No.	Part Name & Description
VARIABLE RESISTORS			
VR201		EWF6LA031BF5	Volume Control, 50kΩ (B)
VR202		EVHHPA505G25	Balance Control, 200kΩ (W)
VR203		EWJFD0090C15	Treble Control, 100kΩ (C)
VR204		EWJFDY090530	Bass Control, 100kΩ (C)
R355, 356		**EVTS3MA00B23**	Clamp Voltage Adjustment, 2kΩ (B)
R363, 364		EVTR4SA00B53	Icq Adjustment, 5kΩ (B)
R730		**EVTS3MA00B52**	FL Peak-Power Meters Adjustment, 500Ω (B)
R731		EVTR4SA00B14	FL Peak-Power Meters Adjustment, 10kΩ (B)
COMPONENT COMBINATION			
Z401		EXRFS203ZS	Component Combination, 0.01μF (X2)
THERMISTORS			
TH301, 302		ERTD2FHL332S	Thermistor, Temperature Compensation, 3.3kΩ
FUSES			
F1	⚠	XBA2C25TR0	Fuse, T2.5A (250V), Power Primary,
F2	⚠	XBA2C12TR0	Fuse, T1.25A (250V), Power Primary
SWITCHES			
S1, 2		ESA2682	Switch, Input and Rec Mode Selector
S3, 4, 5		SSL145	Switch, Loudness, High Filter, and Subsonic Filter
S6		SSH281	Switch, Speakers Selector
S7	⚠	ESL21210S	Switch, Power Source
S8		SSH105	Switch, Meter Range
S9	⚠	ESE37200	Switch, Voltage Adjuster
RELAY			
RLY1	⚠	SSY69	Relay, Speaker Protection
LAMP			
PL1	⚠	XAMR73S350A	Lamp, New Class A Badge, 250mA (6.3V)
METER			
		SADBG64Z	Meter, Fluorescent Peak Hold Power

■ BLOCK DIAGRAM

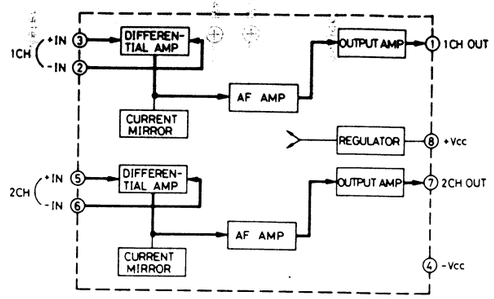


■ BLOCK DIAGRAM OF IC'S

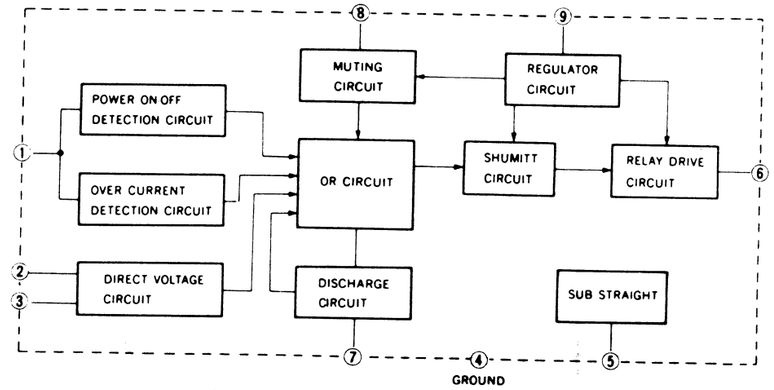
- This is the basic block diagram of the inside circuit of IC. In an actual circuit, there may be sometimes idle terminals or some different functions other than the basic circuit.



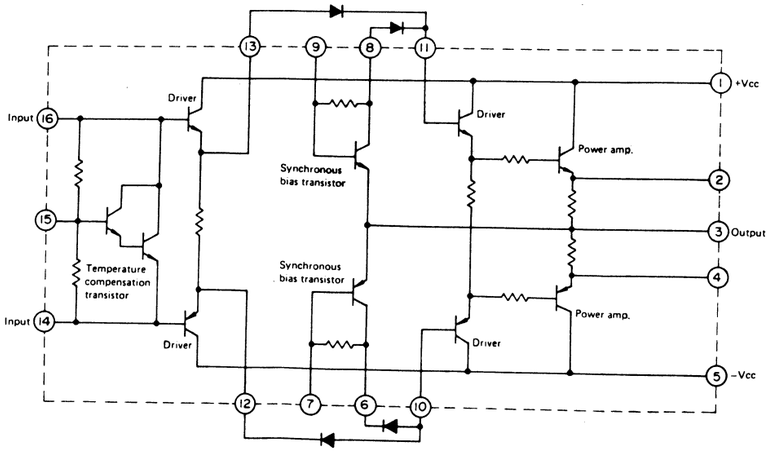
IC101, 102 (SVITA7322P)
Equalizer amplifier



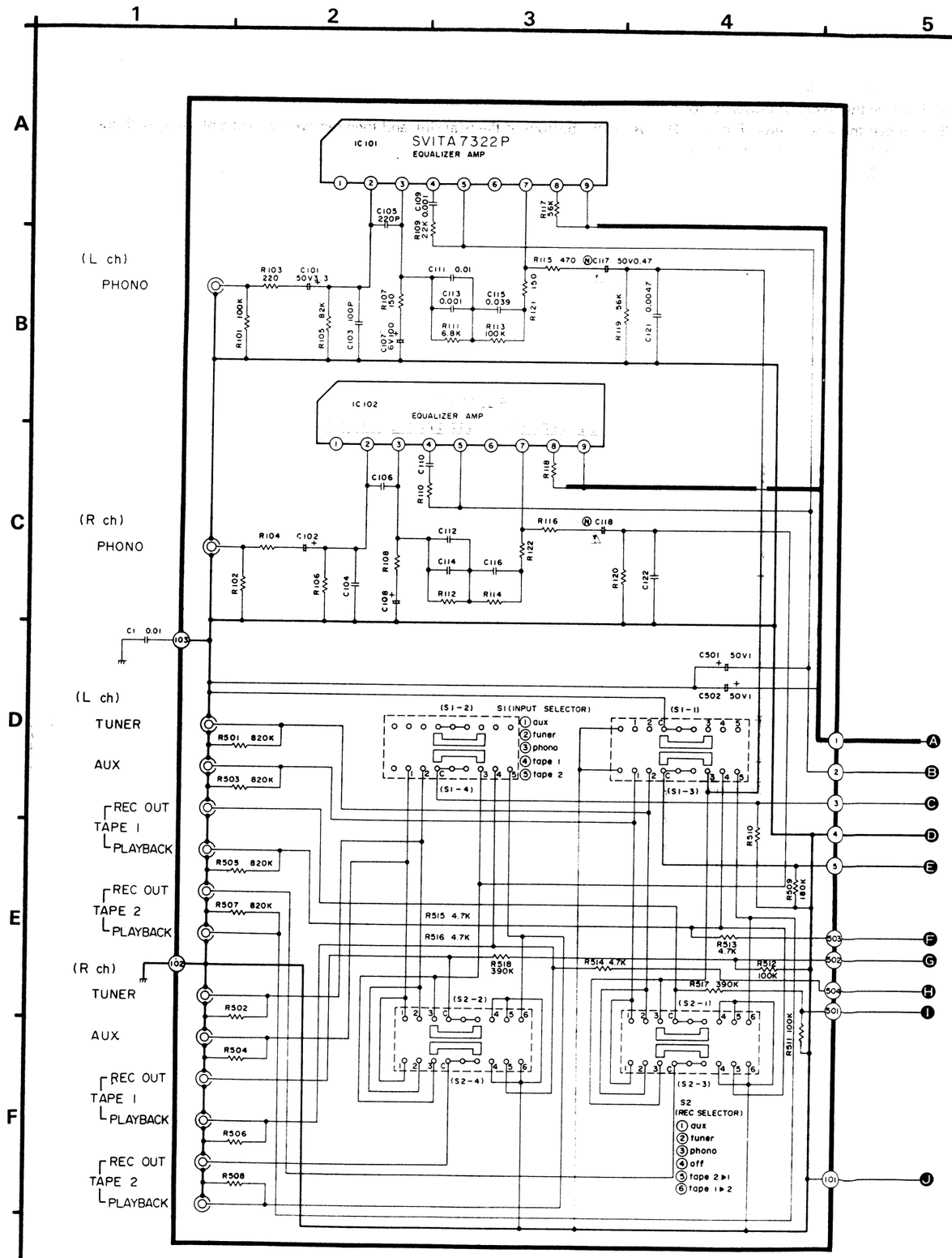
IC303 (AN6552F)
Tone control amplifier

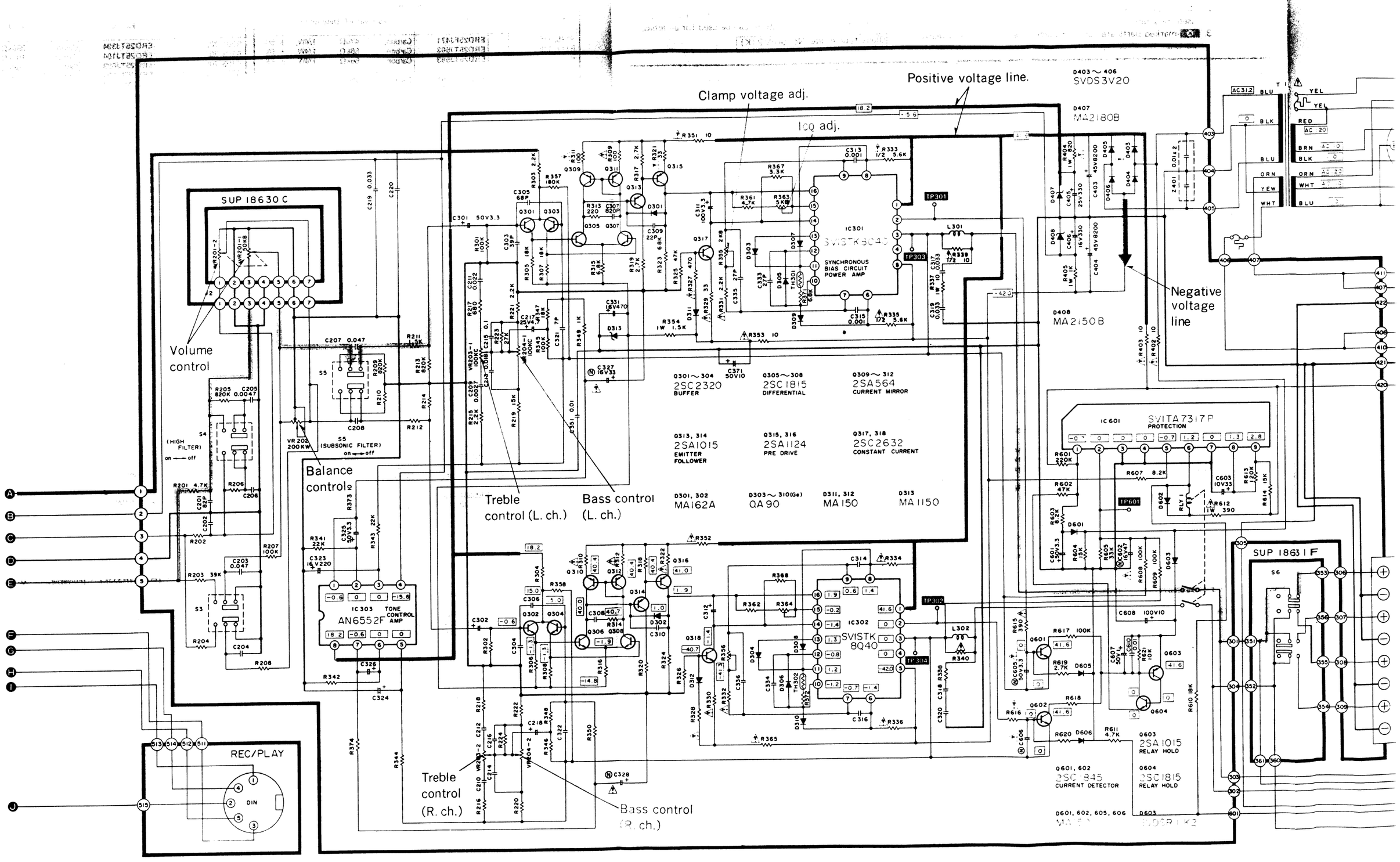


IC601 (SVITA7317P) Speakers protection



IC301, 302 (SVISTK8040) Synchronous bias circuit and power amplifier

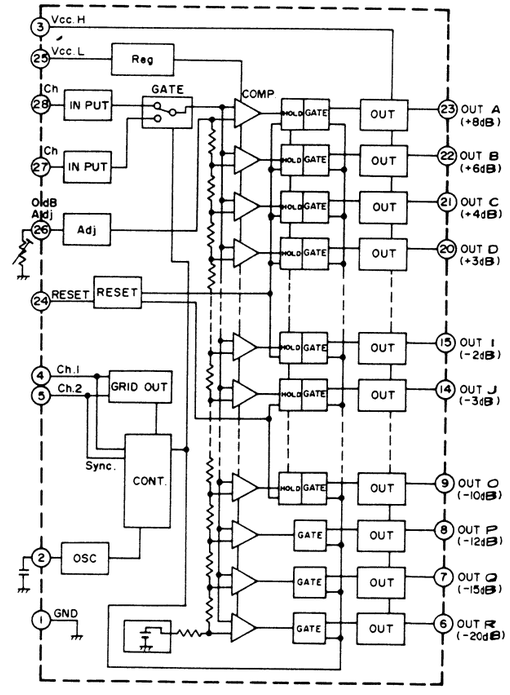



SUP 18630C
Volume control
Balance control
Treble control (L. ch.)
Bass control (L. ch.)
Clamp voltage adj.
Icq adj.
Positive voltage line.
Negative voltage line
Treble control (R. ch.)
Bass control (R. ch.)
SYNCHRONOUS BIAS CIRCUIT POWER AMP
IC301 SVISTK8040
IC303 AN6552F TONE CONTROL AMP
IC302 SVISTK 8Q40
IC601 SVITA7317P PROTECTION
SUP 18631F
REC/PLAY
DIN
S4 (HIGH FILTER) on — off
S5 (SUBSONIC FILTER) on — off
D403～406 SVDS3V20
D407 MA2180B
D408 MA2150B
Q301～304 2SC2320 BUFFER
Q305～308 2SC1815 DIFFERENTIAL
Q309～312 2SA564 CURRENT MIRROR
Q313, 314 2SA1015 EMITTER FOLLOWER
Q315, 316 2SA1124 PRE DRIVE
Q317, 318 2SC2632 CONSTANT CURRENT
D301, 302 MA162A
D303～310(Ge) QA90
D311, 312 MA150
D313 MA1150
Q601, 602 2SC1845 CURRENT DETECTOR
Q603 2SA1015 RELAY HOLD
Q604 2SC1815 RELAY HOLD
D601, 602, 605, 606
TP301
TP302
TP303
TP304
TP601
L301
L302
Z401
TH301
TH302
RLY1
YEL
RED
BRN
BLK
ORN
YEW
WHT
BLU

■ SCHEMATIC DIAGRAM

Notes:

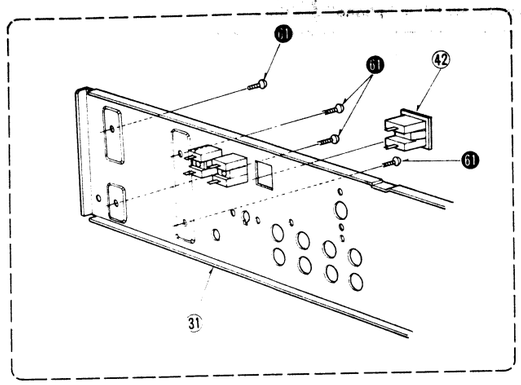
1. **S1**: Input selector switch in **"phono" position.**
   ① aux⟷② tuner⟷③ phono⟷④ tape 1⟷⑤ tape 2.
2. **S2**: Rec selector switch in **"phono"** position,
   ① aux⟷② tuner⟷③ phono⟷④ off⟷⑤ tape
   2 ▶ 1⟷⑥ tape 1 ▶ 2
3. **S3**: Loudness switch in **"off"** position.
4. **S4**: High filter switch in **"off"** position.
5. **S5**: Subsonic filter switch in **"off"** position.
6. **S6**: Speakers selector switch in **"main"** position.
7. **S7**: Power switch in **"on"** position.
8. **S8**: Meter range selector switch in **"X1"** position.
9. **S9**: Voltage adjustment switch in **"240V"** position.
   240V⟷220V⟷110V⟷120V
12. ⚠ Indicates that only parts specified by the manufacturer be used for safety.
13. ▭ Indicated voltage values are the standard values for the DC electronic circuit tester (high impedance) with the chassis taken as standard. Therefore, there may exist some errors in the voltage values, depending on the internal impedance of the DC circuit tester.
14. Phono signal lines of left channel
15. ▬ Positive (+B) voltage lines

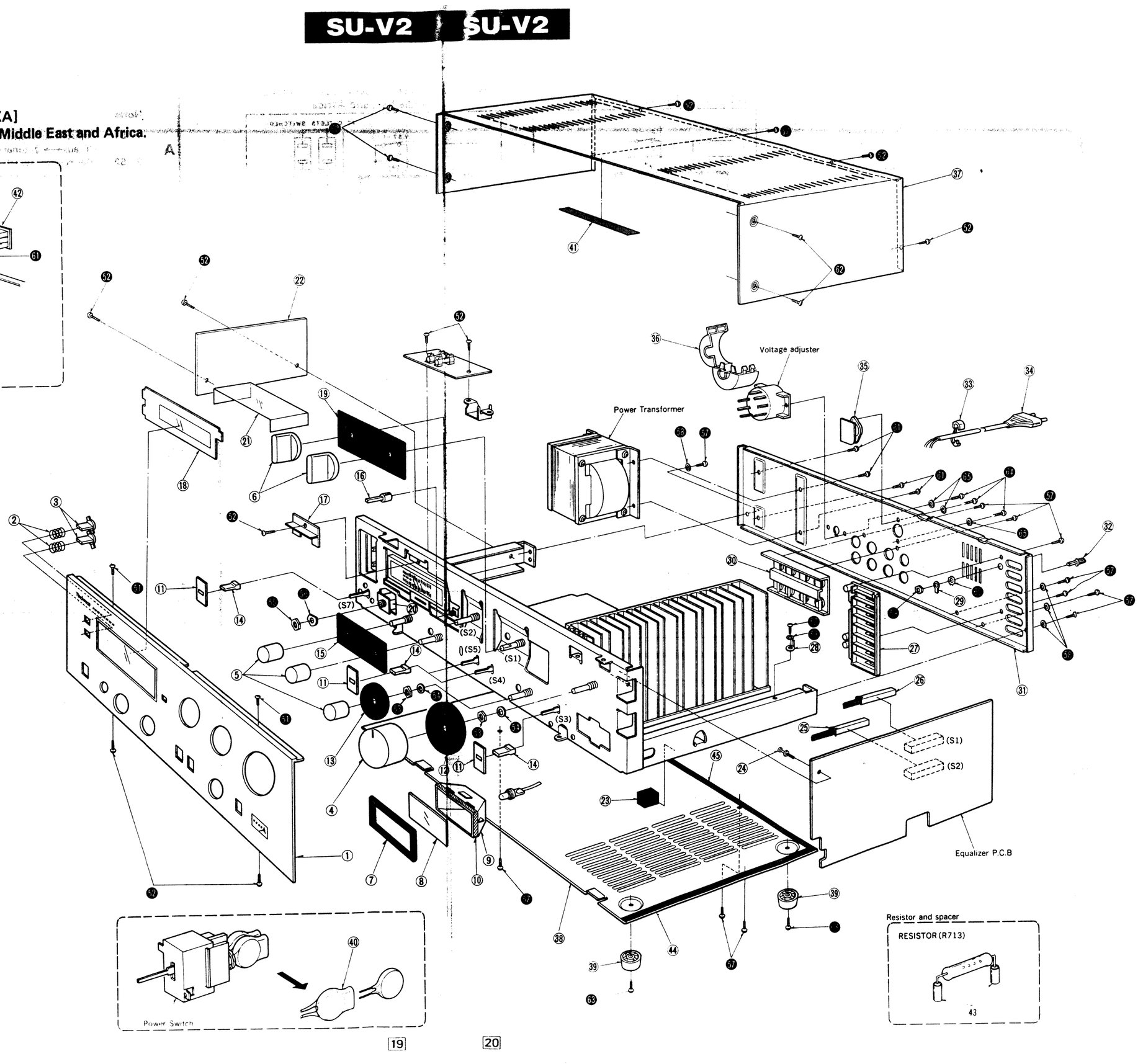


IC702 (AN6870) Level comparator

■ EXPLODED VIEWS

(Rear Panel and AC Outlet) . . . . . for [XA]
[XA] is available in Asia, Latin America, Middle East and Africa.





■ REPLACEMENT PARTS LIST.....Cabinet & Chassis Parts

Notes: 1. Part numbers are indicated on most mechanical parts. Please use this part number for parts orders.
2. △ indicates that only parts specified by the manufacturer be used for safety.
3. (K)-marked parts are used for black type only, while O-marked parts are for silver type only.
4. Parts other than (K) and O-marked are used for both black and silver types.
5. Bracketed indications in Ref. No. columns specify the area. Parts without these indications can be used for all areas.

Black type model No. SU-V2 (K)

Ref. No.		Part No.	Part Name & Description
CABINET and CHASSIS PARTS			
1	O	SYW259	Panel, Front Ass'y
1	(K)	SYW259–1	Panel, Front Ass'y (Black)
2		SUS187	Spring, Push Switch Button
3	O	SBC259	Button, Push Switch
3	(K)	SBC259–1	Button, Push Switch
4	O	SBN911	Knob, Volume
4	(K)	SBN911–1	Knob, Volume (Black)
5	O	SBN909	Knob, Balance, Treble and Bass
5	(K)	SBN909–1	Knob, Balance, Treble and Bass (Black)
6	O	SBN929	Knob, Rec Selector and Input Selector
6	(K)	SBN929–1	Knob, Rec Selector and Input Selector (Black)
7		SHG6089	Cushion, New Class A Badge
8	O	SDE253	Filter, New Class A Badge
8	(K)	SDE253–1	Filter, New Class A Badge (Black)
9		SMP281	Holder, New Class A Badge
10		SHS6111	Fiber, New Class A Badge
11	O	SHR5089	Cover, Lever Switch Knobs
11	(K)	SHR5089–1	Cover, Lever Switch Knobs (Black)
12		SHP9299	Cover, Volume Knob
13		SHP9301	Cover, Balance Knob
14	O	SBD31	Knob, Lever Switches
14	(K)	SBD31–1	Knob, Lever Switches (Black)
15		SHP9297	Cover, Bass and Treble Knob
16	O	SBC271	Button, Range Selector
16	(K)	SBC271–1	Button, Range Selector (Black)
17		SMM41	Escutcheon, Peak Hold Power Meter M'tg
18	O	SDU37	Filter, Peak Hold Power Meter
18	(K)	SDU37–1	Filter, Peak Hold Power Meter
19		SHP9303	Cover, Input Selector and Rec Selector
20		XCJ6P21B–A	Jack, Headphones
21		SMX359	Cover, Fuse P.C.B.
22		SMC811	Cover
23		SHG1491	Cushion, Equalizer P.C.B.
24		SHR401–1	Latch, Equalizer P.C.B. M'tg
25		ESA3357B	Remote Control, Input Selector Switch (S1)
26		ESA3356B	Remote Control, Rec Selector Switch (S2)
27		SJF3043N	Terminal, Input
28		RJT202B	Terminal, Ground 1 pin
29		SJT215	Terminal, Ground 1 pin
30		SJF5811	Terminal, Speaker
31 [E]		SGP2270A	Rear Panel
31 [XE, EG, XGH, XGF, EB]		SGPUV2E	Rear Panel, SGP2270A with Name Plate (SGT21890)
31 [XA]		SGP2270–1A	Rear Panel
31 [XAL]		SGP2270–2A	Rear Panel
32		SJF4101	Terminal Ground
33 [E, EG, XGH, XGF, EB, XA]		SFSR4N4	Bushing, AC Cord
33 [XE]		SFSR5N4	Bushing, AC Cord
33 [XAL]		SHR131	Bushing, AC Cord

Ref. No.		Part No.	Description
34 [E, EG, XGH, XGF, EB]	△	RJA23ZC	AC Cord, Power Source
34 [XA]	△	SJA111	AC Cord, Power Source
34 [XE]	△	RJA45ZC	AC Cord, Power Source
34 [XAL]	△	QFC1207M	AC Cord, Power Source
35		SJS6509	Socket, DIN
36		SUV453	Cover, Voltage Adjuster
37	O	SKC370H1	Cabinet
37 [XE] only	O	SKCUV2E	Cabinet
37	(K)	SKC370B1	Cabinet
37 [XE] only	(K)	SKCUV2KE	Cabinet
38		SKU8310	Bottom Board
39		SKL227	Foot, Set
40		SMXA65	Cover, Capacitor
41		SHS6111	Fiber, Cabinet
42 [XA] only	△	SJSA66–2	Socket, AC Outlet
43		SMX51–1	Spacer, Resistor
44		SHS2445	Fiber, Bottom Board
45		SHS2447	Fiber, Bottom Board
SCREWS, WASHERS and NUTS			
●		XTS3+8B	Screw, Tapping, ⊕ 3 x 8 (Front Panel)
●		XTB3+8BFN	Screw, Tapping, ⊕ 3 x 8 (Front Panel, Fuse P.C.B. and Cabinet)
●		XNS8	Nut, M8 (Volume, Input Selector, Rec Selector etc.)
●		XWV8	Washer, Spring φ 8
●		XNS12	Nut, M12 (Headphones Jack)
●		SNE59–1	Washer, Wave Type (Headphones Jack)
●		XTB3+8BFZ	Screw, Tapping ⊕ 3 x 8 (Rear Panel, Input Terminal, Speakers Terminal and Bottom Board)
●		XWC3B	Washer, Toothed Lock, φ 3
●		XNG6E	Nut, M6 (Ground Terminal)
●		XWC6B	Washer, Toothed Lock, φ 6
●		XTB4+10BFZ	Screw, Tapping, ⊕ 4 x 10 (Power Transformer)
●		XTB4+8BFN	Screw, Tapping, ⊕ 4 x 8 (Cabinet)
●		XTB3+10BFZ	Screw, Tapping, ⊕ 3 x 10 (Foot)
●		XTB3+6BFZ	Screw, Tapping, ⊕ 3 x 6 (DIN Socket, Voltage Adjuster)
●		XWC3B	Washer, Toothed Lock, φ3 (DIN Socket, Voltage Adjuster)
ACCESSORIES			
A1 [XA] only	△	SJP5213–1	Plug Adapter, AC Power
A2 [XA] only	△	SJP5215	Plug Adapter, AC Power
PACKING PARTS			
P1		SPP649	Polythylene Bag
P2		SPS2505	Pad, Left Side
P2 [XAL] only		SPS2505–1	Pad, Left Side
P3		SPS2507	Pad, Right Side
P3 [XAL] only		SPS2507–1	Pad, Right Side
P4 [E]		SPG2511	Carton Box
P4 [XA]		SPG2513	Carton Box
P4 [XE, EG, XGH, EB]		SPG2515	Carton Box
P4 [XAL]		SPG2517	Carton Box
P4 [XGF]		SPG2519	Carton Box
P5 [E, EG, XGH, XGF, EB]		SQF10385	Instructions Book, Printed Matter
P5 [XE, XAL]		SQF10387	Instructions Book, Printed Matter
P5 [XA]		SQF10553	Instructions Book, Printed Matter

Notes

* [E] and [EG] are available in Scandinavia and European except Belgium, United Kingdom, Switzerland, Holland and France.
* [XGF] is available in France.
* [XGH] is available in Holland.
* [EB] is available in Belgium.
* [XE] is available in United Kingdom.
* [XA] is available in Asia, Latin America, Middle East and Africa.
* [XAL] is available in Australia.

■ RESISTOR AND CAPACITOR PARTS LIST

NOTE: △ indicates that only parts specified by the manufacturer be used for safety.

Ref. No.		Part No.	Part Name & Description
RESISTORS			
R101, 102		ERD25TJ104	Carbon, 100kΩ, 1/4W, ± 5%
R103, 104		ERD25FJ221	Carbon, 220Ω, 1/4W, ± 5%
R105, 106		ERD25TJ823	Carbon, 82kΩ, 1/4W, ± 5%
R107, 108		ERD25FJ151	Carbon, 150Ω, 1/4W, ± 5%
R109, 110		ERD25FJ222	Carbon, 2.2kΩ, 1/4W, ± 5%
R111, 112		ERD25FJ682	Carbon, 6.8kΩ, 1/4W, ± 5%
R113, 114		ERD25TJ104	Carbon, 100kΩ, 1/4W, ± 5%
R115, 116		ERD25FJ471	Carbon, 470Ω, 1/4W, ± 5%
R117, 118		ERD25TJ563	Carbon, 56kΩ, 1/4W, ± 5%
R119, 120		ERD25TJ563	Carbon, 56kΩ, 1/4W, ± 5%
R121, 122		ERD25FJ151	Carbon, 150Ω, 1/4W, ± 5%
R201, 202		ERD25FJ472	Carbon, 4.7kΩ, 1/4W, ± 5%
R203, 204		ERD25TJ393	Carbon, 39kΩ, 1/4W, ± 5%
R205, 206		ERD25TJ824	Carbon, 820kΩ, 1/4W, ± 5%
R207, 208		ERD25TJ104	Carbon, 100kΩ, 1/4W, ± 5%
R209, 210		ERD25TJ824	Carbon, 820kΩ, 1/4W, ± 5%
R211, 212		ERD25FJ152	Carbon, 1.5kΩ, 1/4W, ± 5%
R213, 214		ERD25TJ824	Carbon, 820kΩ, 1/4W, ± 5%
R215, 216		ERD25FJ222	Carbon, 2.2kΩ, 1/4W, ± 5%
R217, 218		ERD25FJ681	Carbon, 680Ω, 1/4W, ± 5%
R219, 220		ERD25TJ153	Carbon, 15kΩ, 1/4W, ± 5%
R221, 222		ERD25FJ222	Carbon, 2.2kΩ, 1/4W, ± 5%
R223, 224		ERD25TJ273	Carbon, 27kΩ, 1/4W, ± 5%
R301, 302		ERD25TJ104	Carbon, 100kΩ, 1/4W, ± 5%
R303, 304		ERD25FJ222	Carbon, 2.2kΩ, 1/4W, ± 5%
R305, 306		ERD25TJ183	Carbon, 18kΩ, 1/4W, ± 5%
R307, 308		ERD25TJ183	Carbon, 18kΩ, 1/4W, ± 5%
R309, 310	△	ERD25FJ101	Carbon, 100Ω, 1/4W, ± 5%
R311, 312	△	ERD25FJ101	Carbon, 100Ω, 1/4W, ± 5%
R313, 314		ERD25FJ221	Carbon, 220Ω, 1/4W, ± 5%
R315, 316		ERD25FJ682	Carbon, 6.8kΩ, 1/4W, ± 5%
R317, 318	△	ERD25FJ272	Carbon, 2.7kΩ, 1/4W, ± 5%
R319, 320		ERD25FJ272	Carbon, 2.7kΩ, 1/4W, ± 5%
R321, 322	△	ERD25FJ330	Carbon, 33Ω, 1/4W, ± 5%
R323, 324		ERD25TJ683	Carbon, 68kΩ, 1/4W, ± 5%
R325, 326		ERD25TJ473	Carbon, 47kΩ, 1/4W, ± 5%
R327, 328	△	ERD25FJ471	Carbon, 470Ω, 1/4W, ± 5%
R329, 330	△	ERD25FJ330	Carbon, 33Ω, 1/4W, ± 5%
R331, 332	△	ERD25FJ222	Carbon, 2.2kΩ, 1/4W, ± 5%
R333, 334	△	ERD50FJ562	Carbon, 5.6kΩ, 1/2W, ± 5%
R335, 336	△	ERD50FJ562	Carbon, 5.6kΩ, 1/2W, ± 5%
R337, 338		ERG1ANJ100	Metal Oxide, 10Ω, 1W, ± 5%
R339, 340	△	ERD50FJ100	Carbon, 10Ω, 1/2W, ± 5%
R341, 342		ERD25TJ223	Carbon, 22kΩ, 1/4W, ± 5%
R343, 344		ERD25TJ223	Carbon, 22kΩ, 1/4W, ± 5%
R345, 346		ERD25TJ104	Carbon, 100kΩ, 1/4W, ± 5%
R347, 348		ERD25TJ183	Carbon, 18kΩ, 1/4W, ± 5%
R349, 350		ERD25FJ102	Carbon, 1kΩ, 1/4W, ± 5%
R351, 352	△	ERD25FJ100	Carbon, 10Ω, 1/4W, ± 5%
R353	△	ERD25FJ100	Carbon, 10Ω, 1/4W, ± 5%
R354		ERG1ANJ152	Metal Oxide, 1.5kΩ, 1W, ± 5%
R357, 358		ERD25TJ184	Carbon, 180kΩ, 1/4W, ± 5%
R359, 360		ERG1ANJ331	Metal Oxide, 330Ω, 1W, ± 5%
R361, 362		ERD25FJ472	Carbon, 4.7kΩ, 1/4W, ± 5%
R365	△	ERD25FJ101	Carbon, 10Ω, 1/4W, ± 5%
R367, 368		ERD25FJ332	Carbon, 3.3kΩ, 1/4W, ± 5%
R371, 372		ERD25FJ682	Carbon, 6.8kΩ, 1/4W, ± 5%
R373, 374		ERD25FJ100	Carbon, 10Ω, 1/4W, ± 5%
R402, 403	△	ERD25FJ100	Carbon, 10Ω, 1/4W, ± 5%
R404		ERG1ANJ821	Metal Oxide, 820Ω, 1W, ± 5%
R405		ERG1ANJ102	Metal Oxide, 1kΩ, 1W, ± 5%
R501, 502		ERD25TJ824	Carbon, 820kΩ, 1/4W, ± 5%
R503, 504		ERD25TJ824	Carbon, 820kΩ, 1/4W, ± 5%
R505, 506		ERD25TJ824	Carbon, 820kΩ, 1/4W, ± 5%
R507, 508		ERD25TJ824	Carbon, 820kΩ, 1/4W, ± 5%
R509, 510		ERD25TJ184	Carbon, 180kΩ, 1/4W, ± 5%
R511, 512		ERD25TJ104	Carbon, 100kΩ, 1/4W, ± 5%
R513, 514		ERD25FJ472	Carbon, 4.7kΩ, 1/4W, ± 5%
R515, 516		ERD25FJ472	Carbon, 4.7kΩ, 1/4W, ± 5%
R517, 518		ERD25TJ394	Carbon, 390kΩ, 1/4W, ± 5%
R601		ERD25TJ224	Carbon, 220kΩ, 1/4W, ± 5%
R602		ERD25TJ473	Carbon, 47kΩ, 1/4W, ± 5%
R603		ERD25FJ822	Carbon, 8.2kΩ, 1/4W, ± 5%
R604		ERD25TJ153	Carbon, 15kΩ, 1/4W, ± 5%
R605, 606		ERD25TJ333	Carbon, 33kΩ, 1/4W, ± 5%
R607		ERD25FJ822	Carbon, 8.2kΩ, 1/4W, ± 5%
R608, 609		ERD25TJ104	Carbon, 100kΩ, 1/4W, ± 5%
R610		ERD25TJ183	Carbon, 18kΩ, 1/4W, ± 5%
R611		ERD25FJ472	Carbon, 4.7kΩ, 1/4W, ± 5%
R612		ERG1ANJ391	Metal Oxide, 390Ω, 1W, ± 5%
R613		ERD25TJ124	Carbon, 120kΩ, 1/4W, ± 5%
R614		ERD25TJ153	Carbon, 15kΩ, 1/4W, ± 5%
R615, 616	△	ERD25FJ391	Carbon, 390Ω, 1/4W, ± 5%
R617, 618		ERD25TJ104	Carbon, 100kΩ, 1/4W, ± 5%
R619, 620		ERD25TJ272	Carbon, 2.7kΩ, 1/4W, ± 5%
R621		ERD25FJ103	Carbon, 10kΩ, 1/4W, ± 5%
R701, 702		ERD25TJ394	Carbon, 390kΩ, 1/4W, ± 5%
R703, 704		ERD25TJ104	Carbon, 100kΩ, 1/4W, ± 5%
R705, 706		ERD25TJ683	Carbon, 68kΩ, 1/4W, ± 5%
R707, 708		ERD25TJ104	Carbon, 100kΩ, 1/4W, ± 5%
R709, 710		ERC14GK825	Solid, 8.2MΩ, 1/4W, ±10%
R711, 712		ERD25FJ102	Carbon, 1kΩ, 1/4W, ± 5%
R713		ERG1ANJ101	Metal Oxide, 100Ω, 1W, ± 5%
R714		ERD25FJ272	Carbon, 2.7kΩ, 1/4W, ± 5%
R715		ERD25TJ183	Carbon, 18kΩ, 1/4W, ± 5%
R716		ERD25FJ270	Carbon, 27Ω, 1/4W, ± 5%
R717		ERD25FJ821	Carbon, 820Ω, 1/4W, ± 5%
R718, 719		ERD25TJ223	Carbon, 22kΩ, 1/4W, ± 5%
R720, 721		ERD25TJ223	Carbon, 22kΩ, 1/4W, ± 5%
R722		ERD25TJ333	Carbon, 33kΩ, 1/4W, ± 5%
R723		ERD25FJ102	Carbon, 1kΩ, 1/4W, ± 5%
R724		ERD25TJ334	Carbon, 330kΩ, 1/4W, ± 5%
R725		ERD25TJ224	Carbon, 220kΩ, 1/4W, ± 5%
R726	△	ERD25FJ151	Carbon, 150Ω, 1/4W, ± 5%
R727		ERD25FJ472	Carbon, 4.7kΩ, 1/4W, ± 5%
R728, 729	△	ERD25FJ150	Carbon, 15Ω, 1/4W, ± 5%
CAPACITORS			
C1		ECKD1H103MD	Ceramic, 0.01μF, 50V, ± 20%
C101, 102		ECEA50M3R3R	Electrolytic, 3.3μF, 50V
C103, 104		ECCD1H101K	Ceramic, 100pF, 50V, ± 10%
C105, 106		ECKD1H221KB	Ceramic, 220pF, 50V, ± 10%
C107, 108		ECEA1AS101	Electrolytic, 100μF, 10V
C109, 110		ECKD1H102ZF	Ceramic, 0.001μF, 50V, +80% −20%
C111, 112		ECQM1H103JZ	Polyester, 0.01μF, 50V, ± 5%
C113, 114		ECQM1H102KZ	Polyester, 0.001μF, 50V, ± 10%
C115, 116		ECQM1H393JZ	Polyester, 0.039μF, 50V, ± 5%
C117, 118	△	ECEA50NR47	Non-Polar Electrolytic, 0.47μF, 50V
C121, 122		ECQM1H472KZ	Polyester, 0.0047μF, 50V, ± 10%
C201, 202		ECCD1H820K	Ceramic, 82pF, 50V, ± 10%
C203, 204		ECQM1H473KZ	Polyester, 0.047μF, 50V, ± 10%
C205, 206		ECQM1H472KZ	Polyester, 0.0047μF, 50V, ± 10%
C207, 208		ECQM1H473KZ	Polyester, 0.047μF, 50V, ± 10%
C209, 210		ECQM1H272KZ	Polyester, 0.0027μF, 50V, ± 10%
C211, 212		ECQM1H223KZ	Polyester, 0.022μF, 50V, ± 10%
C213, 214		ECQM1H183KZ	Polyester, 0.018μF, 50V, ± 10%
C215, 216		ECQM1H104KZ	Polyester, 0.1μF, 50V, ± 10%
C217, 218		ECEA50Z4R7	Electrolytic, 4.7μF, 25V
C219, 220		ECKD1H333ZF	Ceramic, 0.033μF, 50V, +80% −20%
C301, 302		ECEA50M3R3R	Electrolytic, 3.3μF, 50V
C303, 304		ECCD1H390K	Ceramic, 39pF, 50V, ± 10%
C305, 306		ECCD1H680K	Ceramic, 68pF, 50V, ± 10%
C307, 308		ECKD1H821KB	Ceramic, 820pF, 50V, ± 10%
C309, 310		ECCD2H220K	Ceramic, 22pF, 500V, ± 10%
C311, 312		ECEA2AS3R3	Electrolytic, 3.3μF, 100V
C313, 314		ECKD1H102ZF	Ceramic, 0.001μF, 50V, +80% −20%
C315, 316		ECKD1H102ZF	Ceramic, 0.001μF, 50V, +80% −20%
C317, 318		ECQM1H333KZ	Polyester, 0.033μF, 50V, ± 10%
C319, 320		ECQM1H333KZ	Polyester, 0.033μF, 50V, ± 10%
C321, 322		ECCD1H070D	Ceramic, 7pF, 50V, ± 0.5pF
C323, 324		ECEA1CS221	Electrolytic, 220μF, 16V
C325, 326		ECEA50Z3R3	Electrolytic, 3.3μF, 50V
C327, 328	△	ECEA1CN330	Non-Polar Electrolytic, 33μF, 16V
C331		ECEA1CS471	Electrolytic, 470μF, 16V
C333, 334		ECCD1H270K	Ceramic, 27pF, 50V, ± 10%
C335, 336		ECCD1H270K	Ceramic, 27pF, 50V, ± 10%
C351		ECKD1H103ZF	Ceramic, 0.01μF, 50V, +80% −20%
C371, 372		ECEA1HS100	Electrolytic, 10μF, 50V
C401, 402	△	ECKDKC103PF	Ceramic, 0.01μF, 400VAC, +100% −0%
C403, 404		ECETS45V822U	Electrolytic, 8200μF, 45V
C405		ECEA1ES331	Electrolytic, 330μF, 25V
C406		ECEA1CS331	Electrolytic, 330μF, 16V
C501, 502		ECEA50Z1	Electrolytic, 1μF, 50V
C601		ECEA50Z3R3	Electrolytic, 3.3μF, 50V
C602	△	ECEA1CN470	Non-Polar Electrolytic, 47μF, 16V
C603		ECEA16Z33	Electrolytic, 33μF, 16V
C605, 606	△	ECEA1HN3R3	Non-Polar Electrolytic, 3.3μF, 50V
C607		ECEA50Z1	Electrolytic, 1μF, 50V
C608		ECEA2AS100	Electrolytic, 10μF, 100V
C610		ECKD1H103ZF	Ceramic, 0.01μF, 50V, +80% −20%
C701, 702		ECEA50Z1	Electrolytic, 1μF, 50V
C703, 704		ECEA50ZR15	Electrolytic, 0.15μF, 50V
C705, 706		ECEA1HS100	Electrolytic, 10μF, 50V
C707		ECEA50ZR1	Electrolytic, 0.1μF, 50V
C708		ECQM1H473KZ	Polyester, 0.047μF, 50V, ± 10%
C709		ECEA1HS100	Electrolytic, 10μF, 50V

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